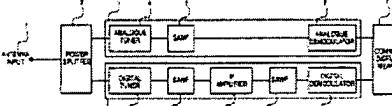




FAST - [10688556.wsp:1]

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 L1: (194217) "348"/\$.ccls. or "725"/\$.ccls. or "455"/\$.ccls.  
 L2: (1294) L1 and ("radio frequency" or RF) near2 tuner  
 L3: (741) L2 and (analog and digital)  
 L4: (72) L3 and "quadrature signal"  
 L5: (9) L4 and ((analog or digital) near5 demodulator)  
 L6: (0) 5 and "aliasing frequency"  
 L7: (6) L3 and "quadrature signal".clm.  
 L8: (0) 5 and "aliasing frequency".clm.  
 L9: (425) 1 and (tuner near5 arrangement)  
 L10: (115) 9 and "low pass filter"  
 L11: (54) 10 and baseband  
 L12: (1) 11 and "anti-alias filter"  
 L13: (9) 10 and baseband.clm.  
 L14: (0) 13 and "aliasing frequency".clm.  
 L15: (1) 13 and "anti-alias filter".clm.  
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 S2: (1143) S1 and ("radio frequency" or RF) near2 tuner  
 S4: (1) S3 and "dual analog digital converter"  
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 RADIO FREQUENCY TUNER  
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**ABSTRACT**  
 A tuner for radiofrequency and digitized signals comprising a single tuner for receiving an external source or digital channel or broadcast or over-the-air television signals. Signals entering the tuner during a reception period are converted to digital form. A digital signal processor performs channel filtering and signal conversion and generates a signal for a digital transmitter. The digital transmitter transmits the signal to an antenna. The tuner includes a digital receiver for receiving a signal from the antenna and a digital receiver for receiving a signal from the digital transmitter and DAC.  
  
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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20040132422 A1	20040708	6	Radio frequency tuner	455/306			Cowley, Nicholas Paul et al.

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- L2: (1294) L1 and ((radio frequency" or RF) near2 tuner)
- L3: (741) L2 and (analog and digital)
- L4: (72) L3 and "quadrature signal"
- L5: (9) L4 and ((analog or digital) near5 demodulator)
- L6: (0) 5 and "aliasing frequency"
- L7: (6) L3 and "quadrature signal".clm.
- L8: (0) 5 and "aliasing frequency".clm.

- S2: (1143) S1 and ((radio frequency" or RF) near2 tuner)
- S4: (1) S3 and "dual analog digital converter"
- S1: (160177) "348"/\$.ccls. or "725"/\$.ccls. or "455"/\$.ccls.
- S6: (1) S3 and "digital quadrature signal"
- S3: (650) S2 and (analog and digital)
- S5: (62) S3 and "quadrature signal"
- S7: (5) S5 and (digital near5 "quadrature signal")
- S13: (3) S5 and "anti alias filter"

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5 and "aliasing frequency".clm.

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